

Human HAC3

ABSTRACT OF THE DISCLOSURE

The invention provides isolated nucleic acid and amino acid sequences of hHAC3, antibodies to hHAC3, methods of detecting hHAC3, and methods of screening for modulators hyperpolarization-activated cation channels using biologically active hHAC3. The invention further provides, in a computer system, a method of screening for mutations of human HAC3 genes as well as a method for identifying a three-dimensional structure of human HAC3 polypeptides.

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